

Max CrÃ¼semann

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

5,033
citations

331642

21
h-index

233409

45
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52
all docs

52
docs citations

52
times ranked

7312
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
2	An environmental bacterial taxon with a large and distinct metabolic repertoire. <i>Nature</i> , 2014, 506, 58-62.	27.8	530
3	Microbial and biochemical basis of a <i>Fusarium</i> wilt-suppressive soil. <i>ISME Journal</i> , 2016, 10, 119-129.	9.8	355
4	Molecular Networking and Pattern-Based Genome Mining Improves Discovery of Biosynthetic Gene Clusters and their Products from <i>Salinispora</i> Species. <i>Chemistry and Biology</i> , 2015, 22, 460-471.	6.0	150
5	Prioritizing Natural Product Diversity in a Collection of 146 Bacterial Strains Based on Growth and Extraction Protocols. <i>Journal of Natural Products</i> , 2017, 80, 588-597.	3.0	105
6	Insights into the Biosynthesis of Hormaomycin, An Exceptionally Complex Bacterial Signaling Metabolite. <i>Chemistry and Biology</i> , 2011, 18, 381-391.	6.0	89
7	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021, 17, 363-368.	8.0	81
8	Evolution-guided engineering of nonribosomal peptide synthetase adenylation domains. <i>Chemical Science</i> , 2013, 4, 1041-1045.	7.4	75
9	Function-related replacement of bacterial siderophore pathways. <i>ISME Journal</i> , 2018, 12, 320-329.	9.8	66
10	Direct Capture and Heterologous Expression of <i>Salinispora</i> Natural Product Genes for the Biosynthesis of Enterocin. <i>Journal of Natural Products</i> , 2015, 78, 539-542.	3.0	60
11	Biosynthetic Origin of the Antibiotic Cyclocarbamate Brabantamide A (SBâ€253514) in Plantâ€Associated <i>Pseudomonas</i> .. <i>ChemBioChem</i> , 2014, 15, 259-266.	2.6	59
12	Heterologous Expression, Biosynthetic Studies, and Ecological Function of the Selective Gqâ€Signaling Inhibitor FR900359. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 836-840.	13.8	57
13	A biaryl-linked tripeptide from <i>Planomonospora</i> reveals a widespread class of minimal RiPP gene clusters. <i>Cell Chemical Biology</i> , 2021, 28, 733-739.e4.	5.2	47
14	Analysis of the Genome and Metabolome of Marine Myxobacteria Reveals High Potential for Biosynthesis of Novel Specialized Metabolites. <i>Scientific Reports</i> , 2018, 8, 16600.	3.3	40
15	Marine-derived myxobacteria of the suborder Nannocystineae: An underexplored source of structurally intriguing and biologically active metabolites. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 969-984.	2.2	36
16	Triterpene Glycosides from the Leaves of <i>Pittosporum angustifolium</i> . <i>Planta Medica</i> , 2013, 79, 1461-1469.	1.3	33
17	Rational design of a heterotrimeric G protein Î± subunit with artificial inhibitor sensitivity. <i>Journal of Biological Chemistry</i> , 2019, 294, 5747-5758.	3.4	32
18	Thioesterase-mediated side chain transesterification generates potent Gq signaling inhibitor FR900359. <i>Nature Communications</i> , 2021, 12, 144.	12.8	32

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19	Deciphering Specificity Determinants for FR900359-Derived G _q Inhibitors Based on Computational and Structure-Activity Studies. <i>ChemMedChem</i> , 2018, 13, 1634-1643.	3.2	29
20	Applying Molecular Networking for the Detection of Natural Sources and Analogues of the Selective G _q Protein Inhibitor FR900359. <i>Journal of Natural Products</i> , 2018, 81, 1628-1635.	3.0	27
21	Cyclopropane-Containing Fatty Acids from the Marine Bacterium <i>Labrenzia</i> sp. 011 with Antimicrobial and GPR84 Activity. <i>Marine Drugs</i> , 2018, 16, 369.	4.6	25
22	<i>Planomonospora</i> : A Metabolomics Perspective on an Underexplored Actinobacteria Genus. <i>Journal of Natural Products</i> , 2021, 84, 204-219.	3.0	23
23	PCR-Independent Method of Transformation-Associated Recombination Reveals the Cosmomycin Biosynthetic Gene Cluster in an Ocean Streptomyces. <i>Journal of Natural Products</i> , 2017, 80, 1200-1204.	3.0	22
24	An experimental strategy to probe G _q contribution to signal transduction in living cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100472.	3.4	22
25	Volatiles from the fungal microbiome of the marine sponge <i>Callyspongia</i> cf. <i>flammea</i> . <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7411-7421.	2.8	20
26	Biosynthesis of Phenylannolone A, a Multidrug Resistance Reversal Agent from the Halotolerant Myxobacterium <i>Nannocystis pusilla</i> B150. <i>ChemBioChem</i> , 2014, 15, 757-765.	2.6	19
27	Salinipyronone and Pacificanone Are Biosynthetic By-products of the Rosamicin Polyketide Synthase. <i>ChemBioChem</i> , 2015, 16, 1443-1447.	2.6	19
28	Biosynthesis and Mechanism of Action of the Cell Wall Targeting Antibiotic Hypeptin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13579-13586.	13.8	19
29	Manipulation of Regulatory Genes Reveals Complexity and Fidelity in Hormamycin Biosynthesis. <i>Chemistry and Biology</i> , 2013, 20, 839-846.	6.0	18
30	Identification and heterologous expression of the kocurin biosynthetic gene cluster. <i>Microbiology (United Kingdom)</i> , 2017, 163, 1409-1414.	1.8	15
31	Diversity and Antimicrobial Potential of Predatory Bacteria from the Peruvian Coastline. <i>Marine Drugs</i> , 2017, 15, 308.	4.6	14
32	Antimicrobial Dialkylresorcins from Marine-Derived Microorganisms: Insights into Their Mode of Action and Putative Ecological Relevance. <i>Planta Medica</i> , 2018, 84, 1363-1371.	1.3	13
33	The chromodepsins chemistry, biology and biosynthesis of a selective G _q inhibitor natural product family. <i>Natural Product Reports</i> , 2021, 38, 2276-2292.	10.3	13
34	Induction of antibiotic specialized metabolism by coculturing in a collection of phyllosphere bacteria. <i>Environmental Microbiology</i> , 2021, 23, 2132-2151.	3.8	12
35	Biosynthetic Basis for Structural Diversity of Aminophenylpyrrole-Derived Alkaloids. <i>ACS Chemical Biology</i> , 2019, 14, 176-181.	3.4	9
36	Coupling Mass Spectral and Genomic Information to Improve Bacterial Natural Product Discovery Workflows. <i>Marine Drugs</i> , 2021, 19, 142.	4.6	9

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37	Biosynthetic Studies on Acetosellin and Structure Elucidation of a New Acetosellin Derivative. <i>Planta Medica</i> , 2017, 83, 1044-1052.	1.3	7
38	Metabolome of the <i>Phyllidiella pustulosa</i> Species Complex (Nudibranchia, Heterobranchia, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Undescribed Clade. <i>Journal of Natural Products</i> , 2020, 83, 2785-2796.	3.0	7
39	Feature-Based Molecular Networking for the Targeted Identification of G_q-Inhibiting FR900359 Derivatives. <i>Journal of Natural Products</i> , 2021, 84, 1941-1953.	3.0	7
40	Heterologe Expression, Biosynthese und Äkologische Funktion des selektiven Gqâ€Signaltransduktionsinhibitors FR900359. <i>Angewandte Chemie</i> , 2018, 130, 844-849.	2.0	5
41	Isolation of fungi using the diffusion chamber device FIND technology. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2191-2203.	2.2	5
42	Effective approaches to discover new microbial metabolites in a large strain library. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	3.0	5
43	A Specialized Dehydrogenase Provides <scp>l</scp>â€Phenyllactate for FR900359 Biosynthesis. <i>ChemBioChem</i> , 2022, 23, .	2.6	5
44	From Persian Gulf to Indonesia: interrelated phylogeographic distance and chemistry within the genus <i>Peronia</i> (Onchidiidae, Gastropoda, Mollusca). <i>Scientific Reports</i> , 2020, 10, 13048.	3.3	3
45	Biosynthesis and Mechanism of Action of the Cell Wall Targeting Antibiotic Hypeptin. <i>Angewandte Chemie</i> , 2021, 133, 13691-13698.	2.0	3
46	and Venom: A New Source of Conopeptides with Analgesic Activity. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 179-185.	0.3	0